

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A method of manufacturing a micromachined component comprising:

using a first liquid to etch a first layer located underneath a second layer;

exposing the second layer to a second liquid after using the first liquid, the second liquid being inorganic and miscible in carbon dioxide, the second liquid including an organic component selected from the group consisting of carboxylic acid, acetic acid, and glacial acetic acid; and

supercritical drying the micromachined component with carbon dioxide after exposing the second layer to the second liquid.

2. (original) The method of claim 1 further comprising:

forming the first layer comprised of silicon dioxide, and

providing the first liquid comprised of hydrofluoric acid.

3. (original) The method of claim 1 further comprising:

forming the first layer comprised of germanium, and

providing the first liquid comprised of hydrogen peroxide.

4. (original) The method of claim 1 further comprising:

forming the first layer comprised of a polymer, and

providing the first liquid comprised of an organic solvent.

5. (currently amended) ~~The method of claim 1 further comprising:~~ A method of manufacturing a micromachined component comprising:

using a first liquid to etch a first layer located underneath a second layer;

exposing the second layer to a second liquid after using the first liquid, the second liquid being inorganic and miscible in carbon dioxide, wherein providing the second liquid comprised of comprises carboxylic acid; and

supercritical drying the micromachined component with carbon dioxide after exposing the second layer to the second liquid.

6. (currently amended) ~~The method of claim 1 further comprising:~~ A method of manufacturing a micromachined component comprising:

using a first liquid to etch a first layer located underneath a second layer;

exposing the second layer to a second liquid after using the first liquid, the second liquid being inorganic and miscible in carbon dioxide, wherein providing the second liquid comprised of comprises acetic acid; and

supercritical drying the micromachined component with carbon dioxide after exposing the second layer to the second liquid.

7. (currently amended) ~~The method of claim 1 further comprising:~~ A method of manufacturing a micromachined component comprising:

using a first liquid to etch a first layer located underneath a second layer;

exposing the second layer to a second liquid after using the first liquid, the second liquid being inorganic and miscible in carbon dioxide, wherein providing the second liquid consisting of comprises glacial acetic acid; and

supercritical drying the micromachined component with carbon dioxide after exposing the second layer to the second liquid.

8. (original) The method of claim 1 further comprising:

exposing the second layer to a third liquid after using the first liquid and before exposing the second layer to the second liquid.

9. (original) The method of claim 8 further comprising:

providing the first liquid miscible in the third liquid.

10. (original) The method of claim 8 further comprising:
exposing the second layer to a fourth liquid after exposing the second layer to the third liquid and before exposing the second layer to the second liquid.

11. (original) The method of claim 10 further comprising:
providing the first liquid miscible in the third liquid; and
providing the third liquid miscible in the fourth liquid.

12. (original) The method of claim 10 further comprising:
exposing the second layer to a fifth liquid after exposing the second layer to the fourth liquid and before exposing the second layer to the second liquid.

13. (original) The method of claim 12 further comprising:
providing the first liquid miscible in the third liquid;
providing the third liquid miscible in the fourth liquid;
providing the fourth liquid miscible in the fifth liquid; and
providing the fifth liquid miscible in the second liquid.

14. (currently amended) The method of claim 12 ~~further comprising, wherein the second liquid and the fourth liquid comprise a single liquid for the third and fifth liquids.~~

Claims 15-25. (cancelled)